U.S. Appln. No. 09/903,014
Reply to Office Action dated November 28, 2011

PATENT
DO NOT ENTER: /C.K./ 45Ø1ØØ-03328

## IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims:

1. (Currently Amended) A digital broadcast signal processing apparatus comprising:

a memory section for storing GPS position information received from a movable body that is an object in a corresponding program;

a multiplex processing section for multiplexing on a digital broadcast signal of the corresponding program,

1) GPS position information received from the movable body,

2) GPS position information and imaging area information received from an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program, and

3) mapping information , which indicates position information of the movable body and position information of the imaging apparatus on a map,

a display for displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, NY 10151
212-588-0800

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wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen,

wherein the web image is obtained only by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map and

displaying a positional relationship between the movable bodies on the screen as a function of

the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.

2. (Currently Amended)  A digital broadcast signal processing apparatus

comprising:

a mapping processing section for mapping on a map position information of a

movable body that is an object in a corresponding program and position information of an

imaging apparatus on a basis of information of a map, GPS position information received from

the movable body and GPS position information received from the imaging apparatus,

wherein the imaging apparatus is operable to acquire imaging area information

concerning the corresponding program and is disposed mechanically independent of a movable

body that is an object in the corresponding program; and

a multiplex processing section for multiplexing mapping information generated

by said mapping processing section on a digital broadcast signal; and

a display for displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

<u>wherein the web image is obtained only</u> by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map and

displaying a positional relationship between the movable bodies on the screen as a function of

the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map , matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object is included in the image of an imaging apparatus, the image of the imaging apparatus is selected, and

wherein, if the specific object chasing function determines that the specific object is not included in the image of an imaging apparatus, the specific object chasing function estimates which imaging apparatus will show the specific object next, and selects the imaging apparatus that will show the specific object next.

3-6. (Canceled)

7. (Original)  The digital broadcast signal processing apparatus according to claim 1, wherein said multiplex processing section multiplexes profile information concerning the movable body on the digital broadcast signal.

8. (Original)  The digital broadcast signal processing apparatus according to claim 7, wherein said profile information includes uniform resource locator (URL) information or mail address information, both being for access to information concerning the movable body.

9. (Currently Amended)  A digital broadcast signal processing apparatus comprising:

a mapping processing section for separating from a digital broadcast signal that was received or reproduced GPS position information of a movable body that is an object in a corresponding program and GPS position information of an imaging apparatus that is operable to

acquire imaging area information concerning the corresponding program and is disposed

mechanically independent of a movable body that is an object in the corresponding program, to

map position information of the movable body and the imaging apparatus on a map on a basis of

information of a map, GPS position information of the movable body and GPS position

information of the imaging apparatus; and

a multiplex processing section for multiplexing mapping information generated in

said mapping processing section on a digital broadcast signal of the corresponding program; and

a display for displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously , and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map and

displaying a positional relationship between the movable bodies on the screen as a function of

the multiplexing processing section,

wherein the display objects related to the selection of each of the plurality of

modes for display purposes are all display simultaneously,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.

10-11. (Canceled)

12. (Currently Amended)  A digital broadcast signal processing apparatus comprising:

a memory section for storing profile information concerning a movable body that is an object in a corresponding program; and

a multiplex processing section for multiplexing on a digital broadcast signal the profile information, position information of an imaging apparatus that was received or reproduced, and mapping information indicting position information of the imaging apparatus on a map,

wherein the imaging apparatus is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

a display for displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objeets related to the selection of each of the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map and

displaying a positional relationship between the movable bodies on the screen as a function of

the multiplexing processing section,

wherein the display objects related to the selection of each of the plurality of

modes for display purposes are all display simultaneously,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.


13. (Previously Presented)  The digital broadcast signal processing apparatus

according to claim 12, wherein position information of the movable body that is the object,

mapping information generated by mapping of the position information of the movable body that

is the object and/or position information of an imaging apparatus on a map, imaging area

information by the imaging apparatus and object information by the imaging apparatus is

multiplexed on the digital broadcast signal.


14. (Original)  The digital broadcast signal processing apparatus according to

claim 12, wherein said profile information includes uniform resource locator (URL) information

or mail address information for access to information concerning the movable body.


15-22. (Canceled)


23. (Currently Amended)  A digital broadcast signal processing method

comprising the steps of:

reading out GPS position information received from a movable body that is an

object in a corresponding program;

reading out GPS position information received from an imaging apparatus that is

operable to acquire imaging area information concerning the corresponding program and is

disposed mechanically independent of a movable body that is an object in the corresponding

program; and

   multiplexing GPS position information received from the movable body, GPS

position information received from the imaging apparatus, and mapping information indicting

position information of the movable body and the imaging apparatus on a map on a digital

broadcast signal of ~~a~~ the corresponding program; and

   displaying a plurality of modes and a plurality of display objects,

   wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

   wherein when one of the display objects is selected, the related mode is displayed,

   wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

   wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

   ~~whereinthe~~ wherein the plurality of modes comprising:

   a mode for displaying a specific object chasing function,

   a mode for displaying a view from a specific camera,

   a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.


24. (Currently Amended)  A digital broadcast signal processing method

comprising the steps of:

mapping on a map position information of a movable body that is an object in a

corresponding program and position information of an imaging apparatus on a basis of

information of a map, GPS position information received from the movable body and GPS

position information received from the imaging apparatus,

wherein the imaging apparatus is operable to acquire imaging area

information concerning the corresponding program and is disposed mechanically independent of

a movable body that is an object in the corresponding program; and

multiplexing mapping information generated in said mapping step on a digital

broadcast signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by selecting the URL, and

a mode for displaying a positional relationship between the movable bodies on the

screen as a function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.


25-27. (Canceled)


28. (Currently Amended)  A digital broadcast signal processing method

comprising the steps of:

reading out GPS position information received from a movable body that is an

object in a corresponding program;

reading out imaging area information by an imaging apparatus;

reading out GPS position information received from an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program; and

multiplexing GPS position information received from the movable body, GPS position information received from the imaging apparatus, the imaging area information, and mapping information indicting position information of the movable body and the imaging apparatus on a map on a digital broadcast signal of the corresponding program; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific profile information hierarehically, such that when an operation input requesting the disclosure of more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

> wherein the web image is obtained only by selecting the URL, and

> a mode for mapping positions of a plurality of movable bodies on the map; and

> displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

> wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

> wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

> wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.


> 29. (Original) The digital broadcast signal processing method according to claim

24, said method further comprising a step of:

multiplexing profile information concerning the movable body on the digital

broadcast signal.

30. (Original)  The digital broadcast signal processing method according to claim

29, wherein the profile information includes uniform resource locator (URL) information or mail

address information, both being for access to information concerning the movable body.

31. (Currently Amended)  A digital broadcast signal processing method

comprising the steps of:

separating from a digital broadcast signal that was received or reproduced GPS

position information of a movable body that is an object in a corresponding program and GPS

position information of an imaging apparatus that is operable to acquire imaging area

information concerning the corresponding program and is disposed mechanically independent of

a movable body that is an object in the corresponding program, to map position information of

the movable body and the imaging apparatus on a map on a basis of information of a map, GPS

position information of the movable body and GPS position information of the imaging

apparatus; and

multiplexing mapping information generated in said step on a digital broadcast

signal of the corresponding program; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing aeeess to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by seleeting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a function of

the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specifie object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.

32-33. (Canceled)

34. (Currently Amended)  A digital broadcast signal processing method

comprising the steps of:

reading out profile information concerning a movable body that is an object in a

corresponding program;

reading out GPS position information of an imaging apparatus that is operable to

acquire imaging area information concerning the corresponding program and is disposed

mechanically independent of a movable body that is an object in the corresponding program; and

multiplexing the profile information concerning the movable body, the GPS

position information of the movable body, and mapping information indicting position

information of the movable body on a map on a digital broadcast signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

wherein the web image is obtained only by selecting the URL, and

a mode for mapping positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.

35. (Previously Presented)  The digital broadcast signal processing method

according to claim 34, wherein position information of the movable body that is the object,

mapping information generated by mapping of the position information of the movable body that

is the object and/or position information of an imaging apparatus on a map, imaging area

information by the imaging apparatus and object information by the imaging apparatus is

multiplexed on the digital broadcast signal.

36. (Original)  The digital broadcast signal processing method according to claim

34, wherein said profile information includes uniform resource locator (URL) information or

mail address information for access to information concerning the movable body.

37-44. (Canceled)

45. (Currently Amended)  A digital broadcast signal processing method

comprising the processes of:

multiplexing on a picture signal GPS position information received from a

movable body that is an object in a corresponding program, GPS position information received

from an imaging apparatus that is operable to acquire imaging area information concerning the

corresponding program and is disposed mechanically independent of a movable body that is an

object in the corresponding program, and mapping information indicting position information of

the movable body and the imaging apparatus on a map; and

transmitting the picture signal after the multiplexing process as a digital broadcast

signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising: a mode for displaying a specific

object chasing function, a mode for displaying a view from a specific camera, a mode for

displaying specific profile information and for displaying the specific profile information

hierarchically, such that when an operation input requesting the disclosure of more detailed

information of an item on the screen is input, the requested information linked to the item

displayed on the screen in a same location as the selection occurred, and a mode for displaying,

hierarchically, a URL related to each movable body embedded in the profile information

providing access to a database comprising a web image displayed for a divided screen, ~~obtained~~

~~only~~wherein the web image is obtained only by selecting the URL, and a mode for mapping

positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.


46. (Currently Amended)  A digital broadcast signal processing method

comprising the processes of:

multiplexing on a picture signal GPS position information of a movable body that

is an object in a corresponding program, GPS position information of an imaging apparatus that

is operable to acquire imaging area information concerning the corresponding program and is

disposed mechanically independent of a movable body that is an object in the corresponding

program, imaging area information by the imaging apparatus, and mapping information indicting

position information of the movable body and the imaging apparatus on a map; and

transmitting the picture signal after the multiplexing process as a digital broadcast

signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function,

a mode for displaying a view from a specific camera,

a mode for displaying specific profile information and for displaying the specific

profile information hierarchically, such that when an operation input requesting the disclosure of

more detailed information of an item on the screen is input, the requested information linked to

the item displayed on the screen in a same location as the selection occurred, and a mode for

displaying, hierarchically, a URL related to each movable body embedded in the profile

information providing access to a database comprising a web image displayed for a divided

screen, ~~obtained only~~

<u>wherein the web image is obtained only</u> by selecting the URL, and

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a mode for mapping positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next.

47. (Currently Amended) A digital broadcast signal processing method

comprising the processes of:

multiplexing on a picture signal mapping information generated by mapping on a

map position information of a movable body that is an object in a corresponding program and

position information of an imaging apparatus that is operable to acquire imaging area

information concerning the corresponding program and is disposed mechanically independent of

a movable body that is an object in the corresponding program on a basis of information of a

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745 Fifth Avenue
New York, NY 10151
212-588-0800

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map, GPS position information received from the movable body and GPS position information

received from the imaging apparatus; and

transmitting the picture signal after the multiplexing process as a digital broadcast

signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising:

a mode for displaying a specific object chasing function, a mode for displaying a

view from a specific camera, a mode for displaying specific profile information and for

displaying the specific profile information hierarchically, such that when an operation input

requesting the disclosure of more detailed information of an item on the screen is input, the

requested information linked to the item displayed on the screen in a same location as the

selection occurred, and a mode for displaying, hierarchically, a URL related to each movable

body embedded in the profile information providing access to a database comprising a web

image displayed for a divided screen, ~~obtained only~~wherein the web image is obtained only by

selecting the URL, and a mode for mapping positions of a plurality of movable bodies on the

map; and

displaying a positional relationship between the movable bodies on the screen as a function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the positions of the specific object and plurality of movable bodies on the map, matches identification information of the specific object, and determines whether an image of an apparatus is showing the specific object, and

wherein, if the specific object chasing function determines that the specific object is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

wherein, if the specific object chasing function determines that the specific object is not included in the image of an imaging apparatus, the specific object chasing function estimates which imaging apparatus will show the specific object next, and selects the imaging apparatus that will show the specific object next.

48. (Canceled)

49. (Currently Amended)  A digital broadcast signal processing method comprising the processes of:

multiplexing on a picture signal profile information concerning a movable body that is an object in a corresponding program, GPS position information of an imaging apparatus that is operable to acquire imaging area information concerning the corresponding program and is disposed mechanically independent of a movable body that is an object in the corresponding program, and mapping information indicting position information of the movable body and the imaging apparatus on a map; and

transmitting the picture signal after the multiplexing process as a digital broadcast

signal; and

displaying a plurality of modes and a plurality of display objects,

wherein each of the plurality of display objects is related to the selection of one of

the plurality of modes,

wherein when one of the display objects is selected, the related mode is displayed,

wherein each of the plurality of display objects related to the selection of each of

the plurality of modes for display purposes are all displayed simultaneously,

wherein each of the plurality of modes designated by each of a plurality of user

selected display objects are displayed simultaneously, and

wherein the plurality of modes comprising: a mode for displaying a specific

object chasing function, a mode for displaying a view from a specific camera, a mode for

displaying specific profile information and for displaying the specific profile information

hierarchically, such that when an operation input requesting the disclosure of more detailed

information of an item on the screen is input, the requested information linked to the item

displayed on the screen in a same location as the selection occurred, and a mode for displaying,

hierarchically, a URL related to each movable body embedded in the profile information

providing access to a database comprising a web image displayed for a divided screen, ~~obtained~~

~~only~~wherein the web image is obtained only by selecting the URL, and a mode for mapping

positions of a plurality of movable bodies on the map; and

displaying a positional relationship between the movable bodies on the screen as a

function of the multiplexing processing section,

wherein, when a specific object chasing function is selected, the display maps the

positions of the specific object and plurality of movable bodies on the map, matches

identification information of the specific object, and determines whether an image of an

apparatus is showing the specific object,

wherein, if the specific object chasing function determines that the specific object

is included in the image of an imaging apparatus, the image of the imaging apparatus is selected,

and

wherein, if the specific object chasing function determines that the specific object

is not included in the image of an imaging apparatus, the specific object chasing function

estimates which imaging apparatus will show the specific object next, and selects the imaging

apparatus that will show the specific object next. and displays an image of an imaging apparatus

mounted on the specific object when the specific object is not a subject of the plurality imaging

apparatuses.